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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/622,265

07/17/2003

Yuh-Cheng Wu

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FISH & RICHARDSON, P.C.
PO BOX 1022
MINNEAPOLIS, MN 55440-1022

EXAMINER

GANDHI, JAYPRAKASH N

ART UNIT

PAPER NUMBER

2125

DATE MAILED: 06/17/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/622,265	Applicant(s) WU ET AL.	
	Examiner Jayprakash N. Gandhi	Art Unit 2125	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 May 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-30 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-30 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 August 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date <u>05/25/05</u> . | 6) <input type="checkbox"/> Other: _____ |

N

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. Claims 1-30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jakobson et al. (US 6,766,368).

Regarding claims 21-30, Jakobson discloses all the limitation of a claimed system, including a knowledge entity, storage for the knowledge entity, and knowledge services. It would have been obvious to one of ordinary skill in the art to use the system of Jakobson to generate a data source representation using at least one data source.

FIG. 7 shows a more detailed illustration of knowledge management component 305. As shown in FIG. 7, knowledge management component 305 is comprised of a knowledge base manager 405, a topology import module 410, and a knowledge base import/export module 415. FIG. 7 further shows that knowledge base editor 320 is comprised of a knowledge base web server 420, a structural (GUI) knowledge base editor 425, a textual knowledge base editor 430, and a browser 435. Knowledge base manager 405 serves and verifies the correlation knowledge database 85 (via database service 70) and controls access to the database. It is responsible for performing the following tasks: (1) working as a broker between clients (editors, browsers, and engines) and servers (knowledge and topology databases); (2) making translations between XML and data representation formats used in the knowledge and the topology databases; (3) validating the syntactic and semantic correctness of knowledge entities to be entered into the knowledge database; and (4) administering the knowledge database. Topology import module 410 provides interactive access to network topology database 95 via the network topology service 80. Knowledge base import/export module 415 provides interactive access to the correlation knowledge base database 85 via the database service 70. Knowledge base Web server 420 allows querying and reporting about network correlation system 10 via browser 435. A structural knowledge base editor 425 is a graphical tool for editing network correlation system 10 knowledge while maintaining consistency and correctness. Textual knowledge base editor 430 is a textual tool for editing network correlation system 10 knowledge. Both types of editors allow network correlation system 10 application developers to create, modify, view, and report all components of the correlation knowledge database 85 including: rules, correlations, rule sets, message classes, network element classes, and FSMs.

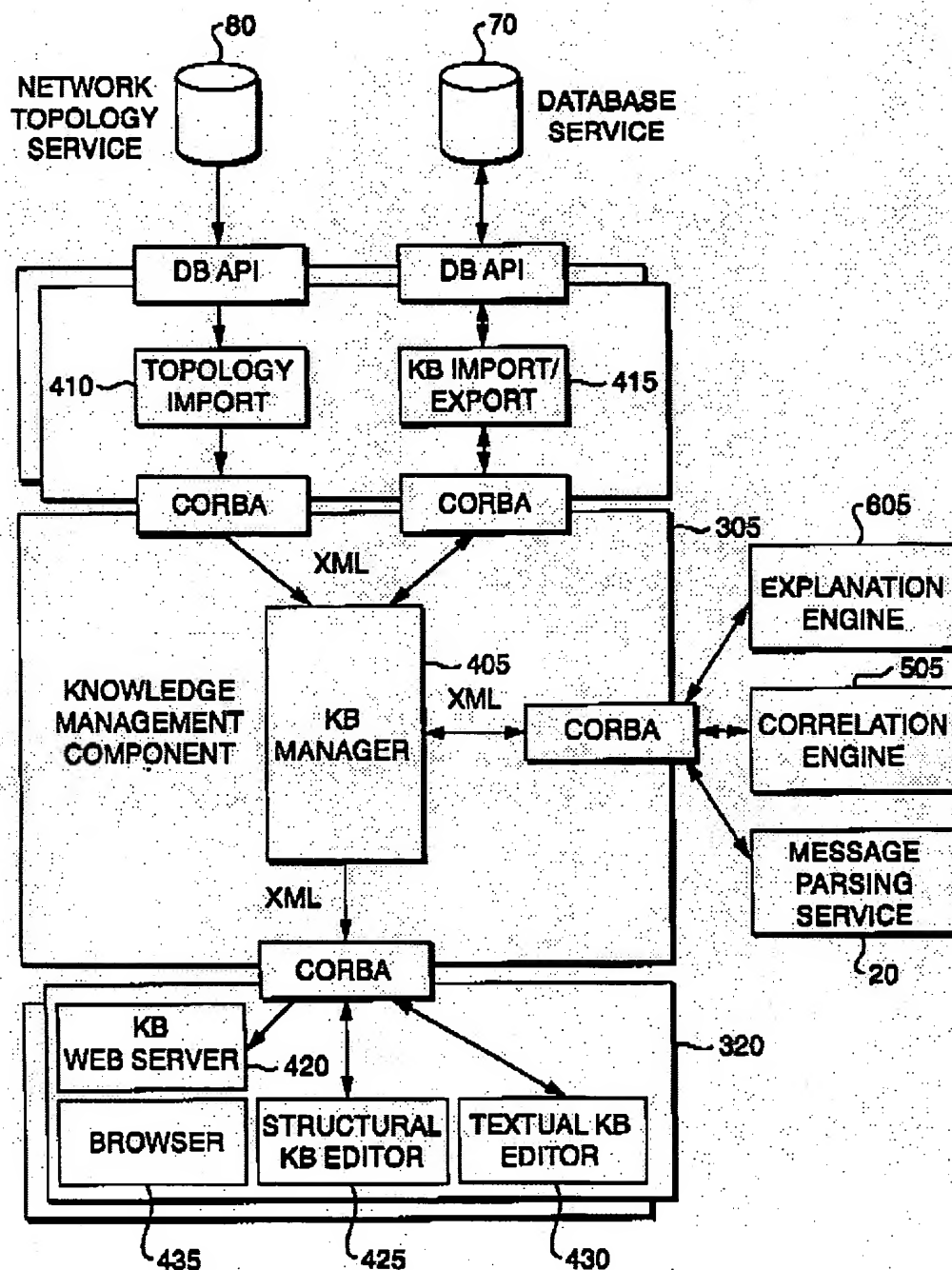


FIG. 7

Regarding claims 1-20, Jakobson inherently possesses a method and an article for the claimed system.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Bear et al., Quaile et al., Quaile, and Coley et al., disclose related art.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jayprakash N. Gandhi whose telephone number is 571-272-3740. The examiner can normally be reached on 6:30-5:00 (Mon. - Thu.).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Leo P. Picard can be reached on 571-272-3749. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Jayprakash N Gandhi
Primary Examiner
Art Unit 2125

JNG